

# TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Geet et al.  
Serial No.: Not Yet Assigned  
Docket No.: 51000005

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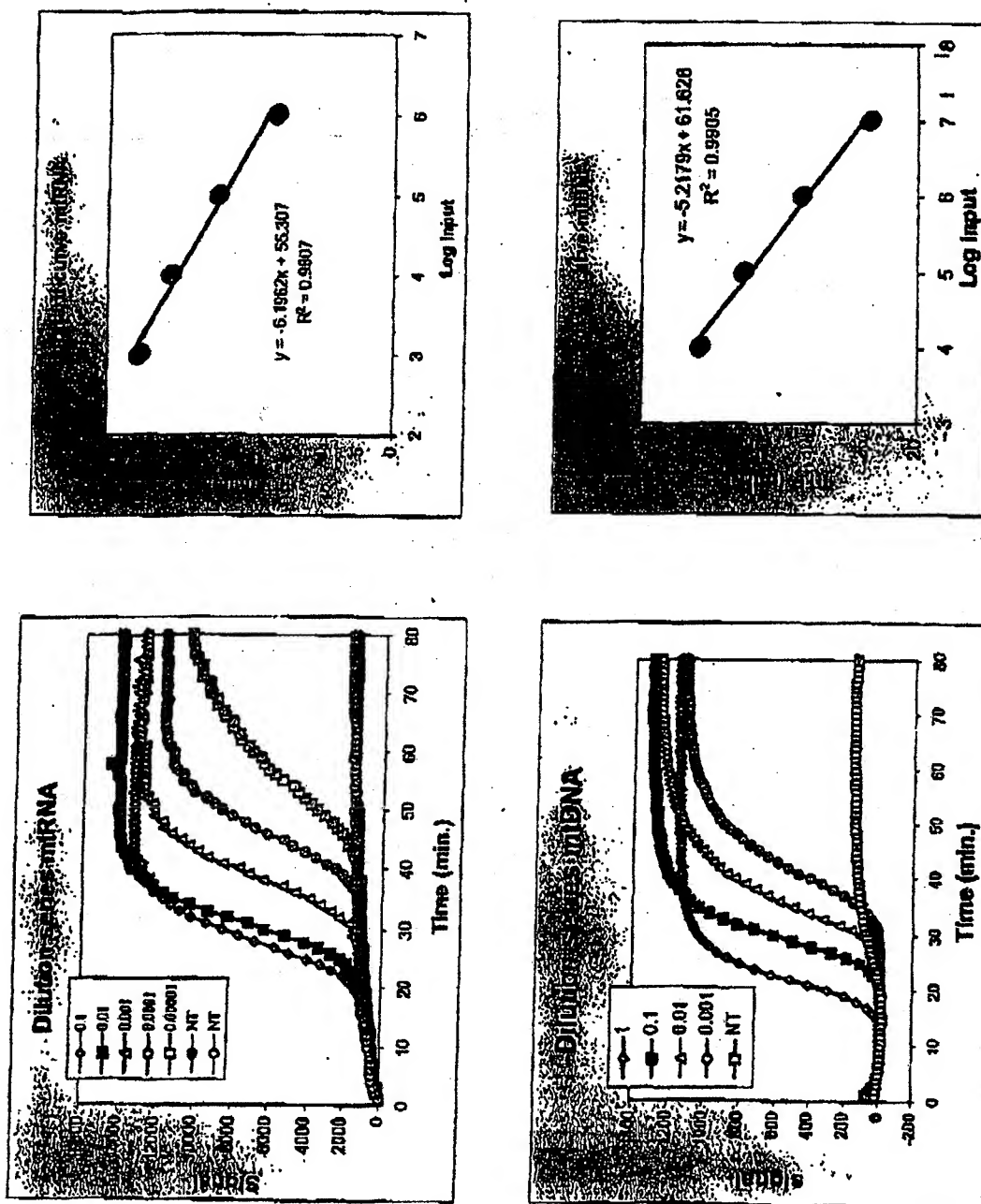


Figure 1

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen, J.  
Serial No.: Not Yet Assigned  
Docket No.: 51890

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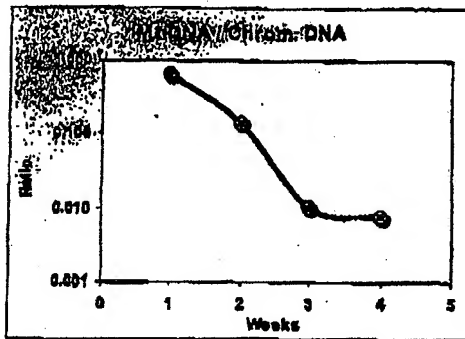


Figure 2

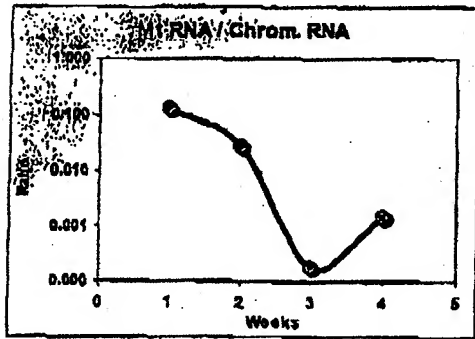


Figure 3

FOIb7-60090001

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemmen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5189

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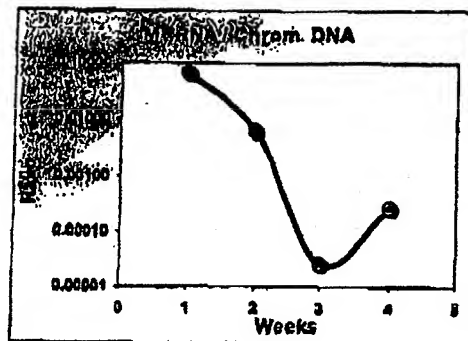


Figure 4

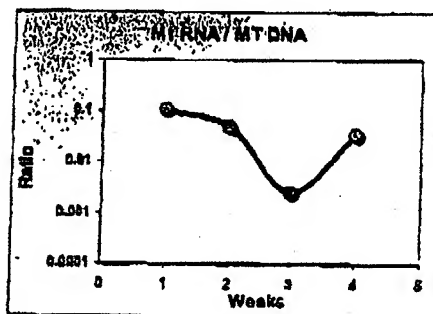


Figure 5

Patent 6,003,000

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gennip et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5187-5

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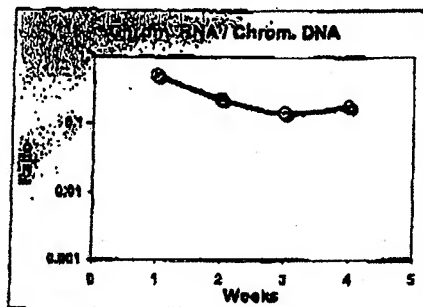


Figure 6

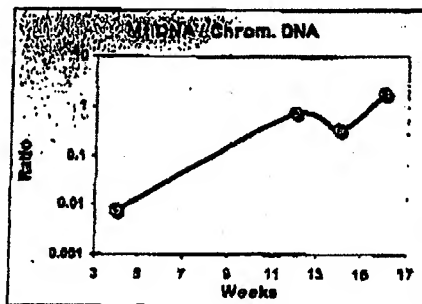


Figure 7

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemert, J.  
Serial No.: Not Yet Assigned  
Docket No.: 518903

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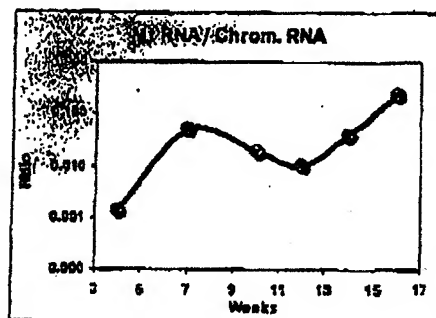


Figure 8

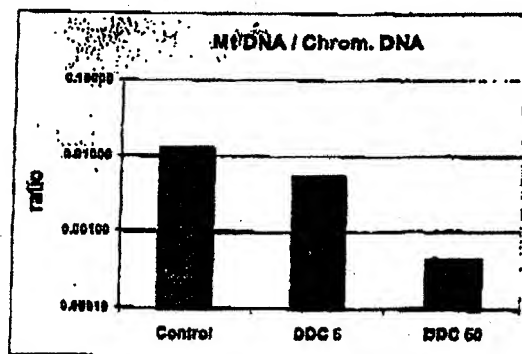


Figure 9

Patent 6,003,000

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemert et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5189-53

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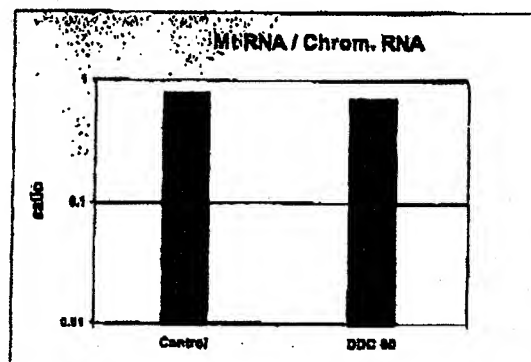
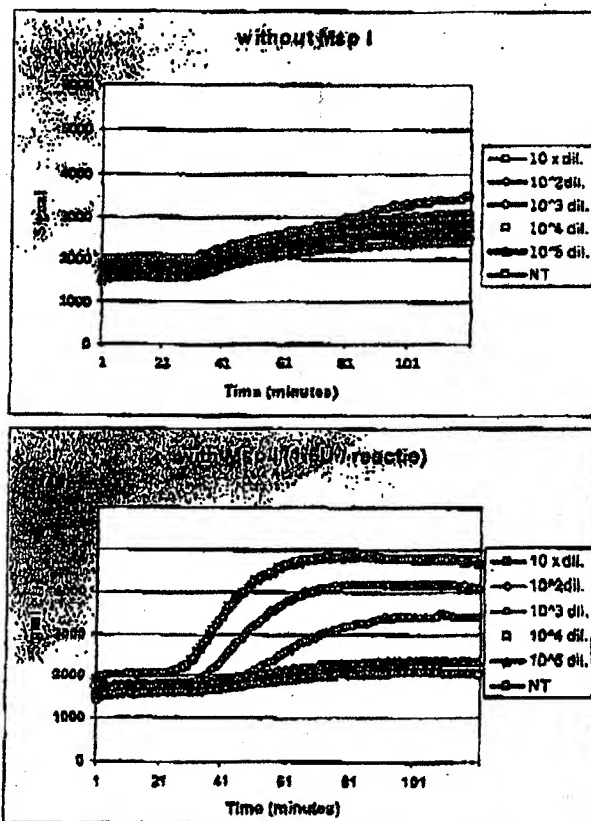


Figure 10

DOCKET 60050001

Inventor: van Gemert  
Serial No.: Not Yet  
Docket No.: 5189

7122



**Figure 11.**

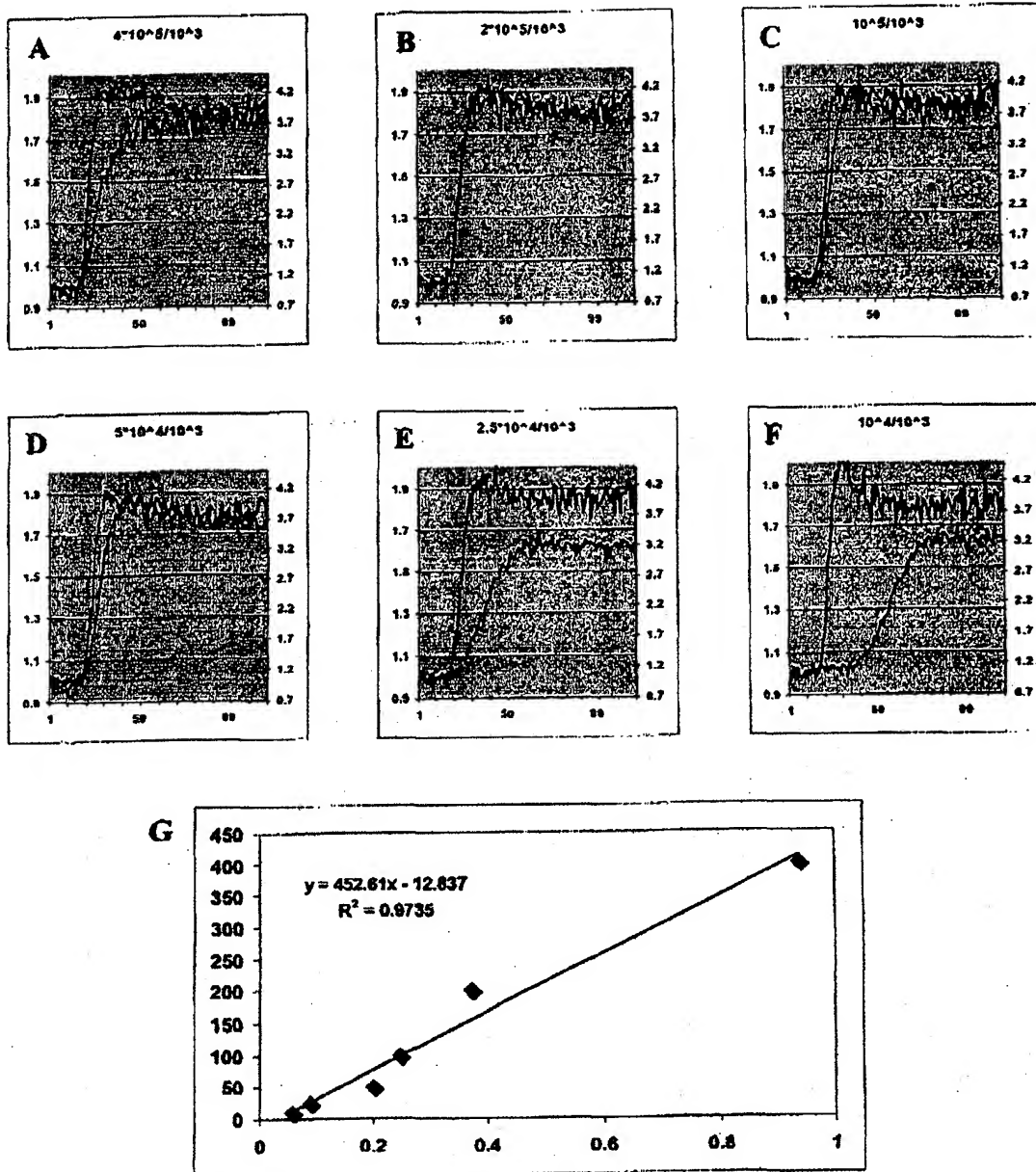
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TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen  
Serial No.: Not Yet Assigned  
Docket No.: 51890

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Figure 12



100500-12014  
101021-6099001



TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen  
Serial No.: Not Yet Assigned  
Docket No.: 518938

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Figure 13

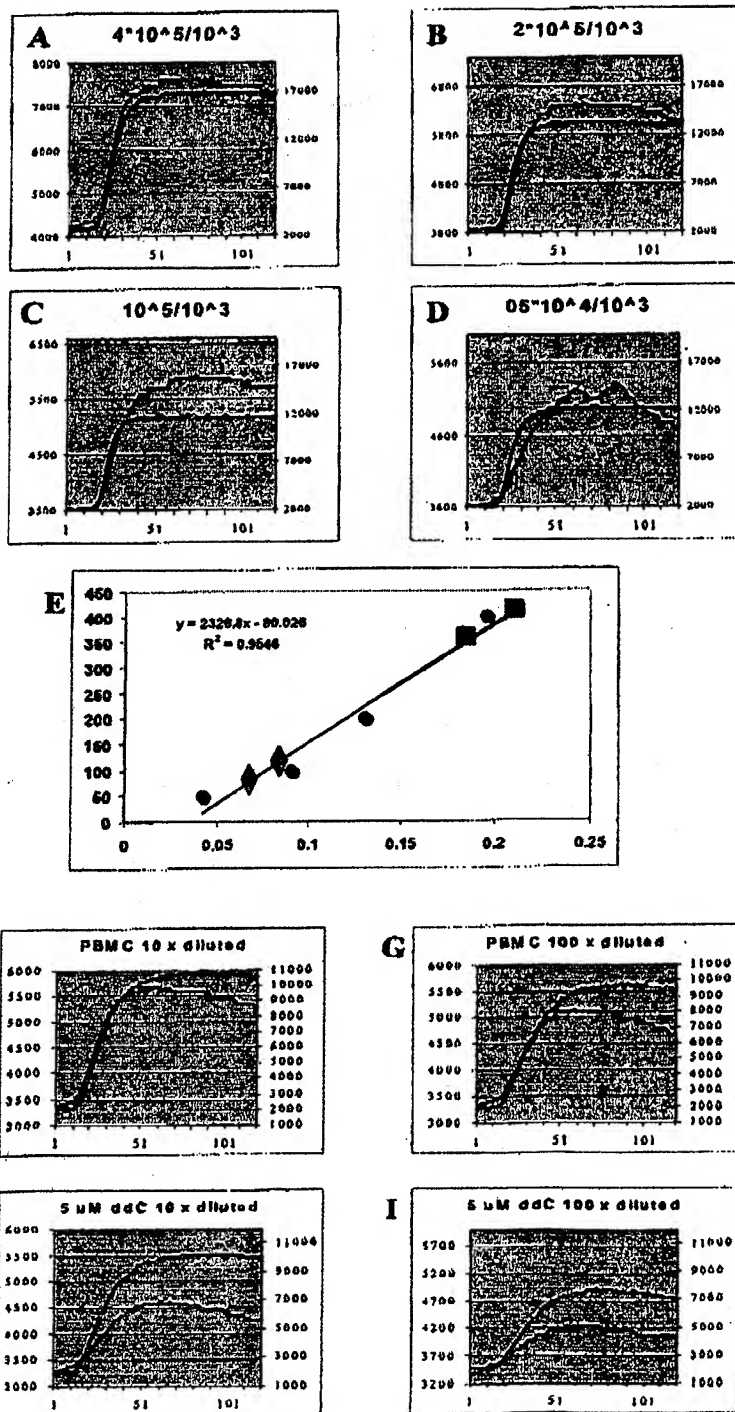


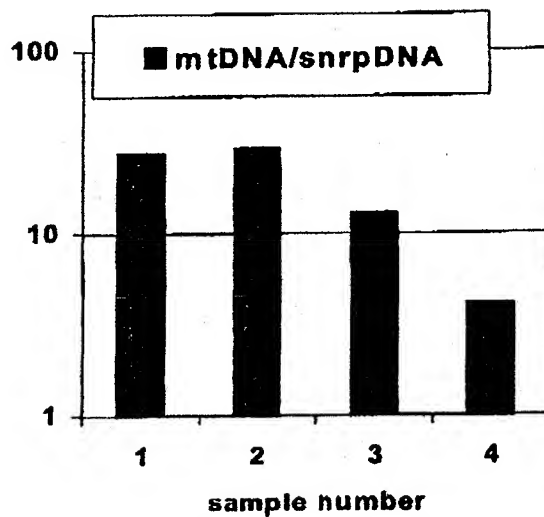
FIGURE 13

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gennep  
Serial No.: Not Yet Assigned  
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Figure 14



Inventor: van Gemen, J.  
Serial No.: Not Yet Assigned  
Docket No.: 518508

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# Lactate acidose patient (H0224)

M10620 (H 0224)

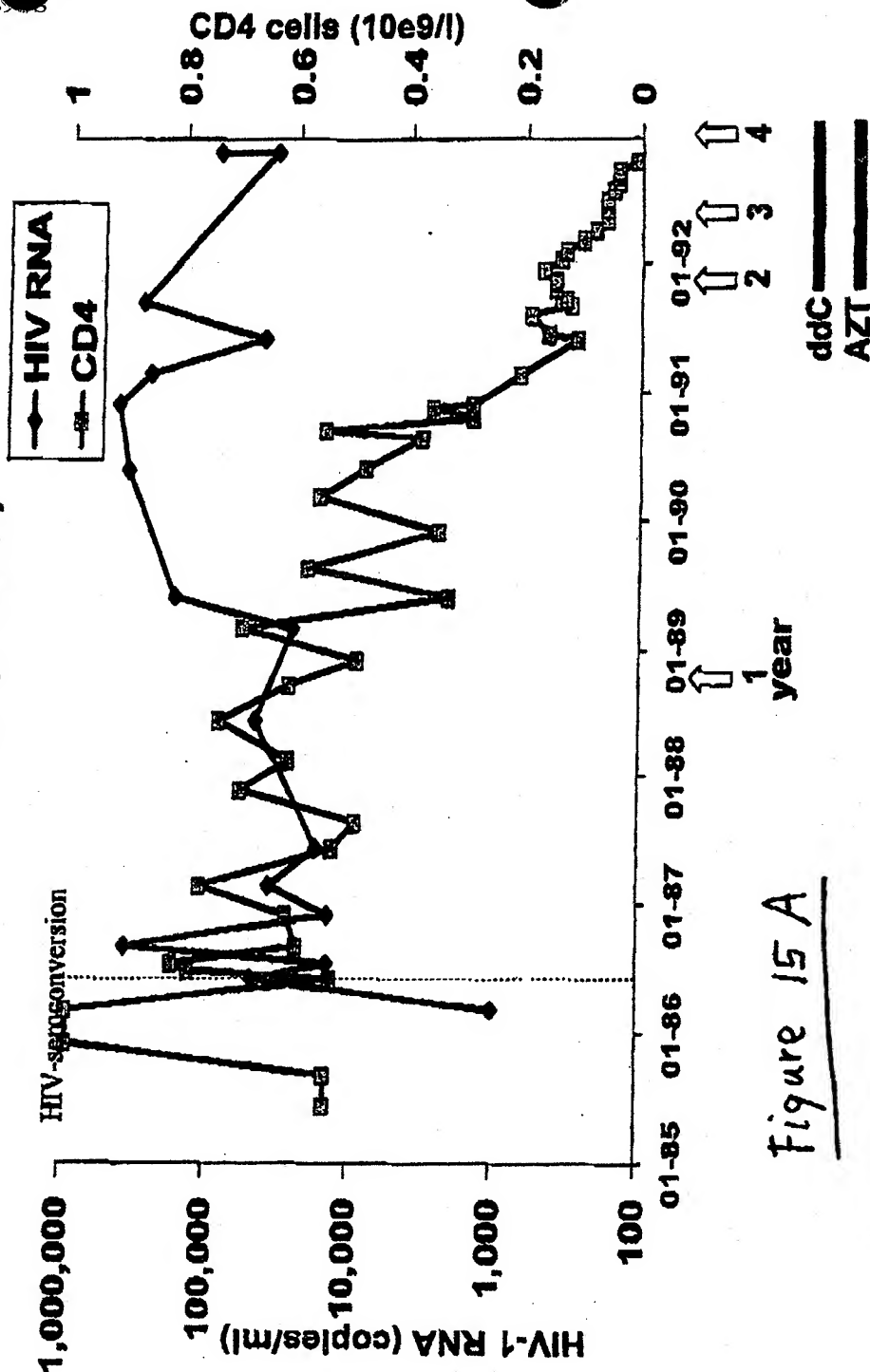


Figure 15 A

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5189 US

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Patent 6,633,333

# Lactate acidose patient (H0224)

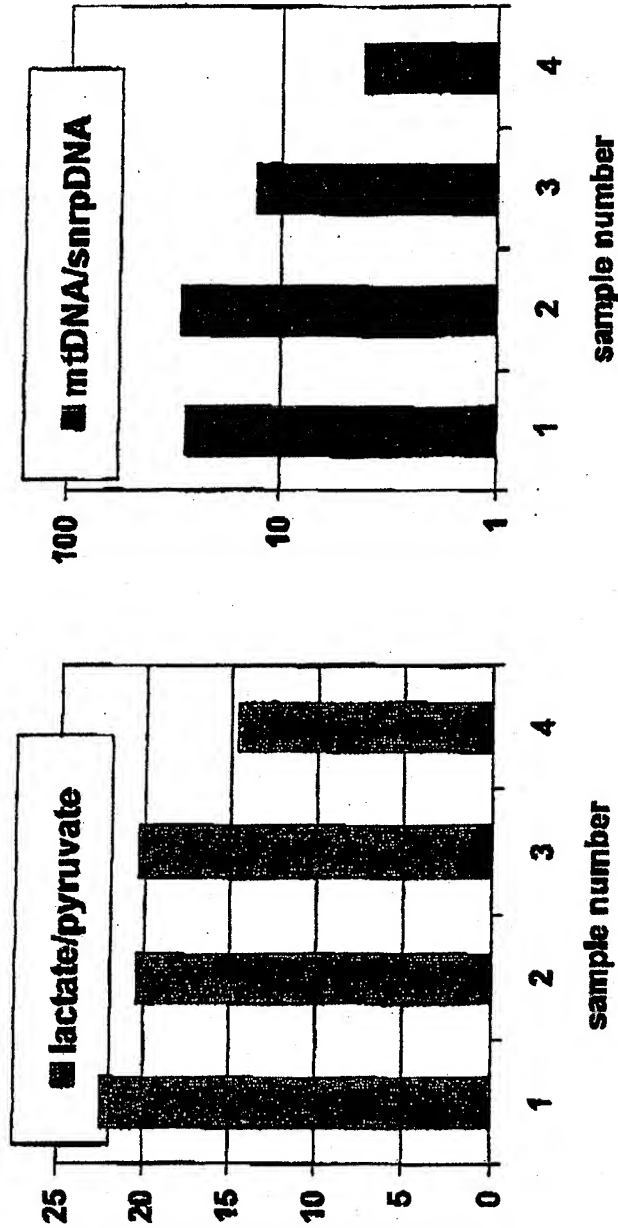


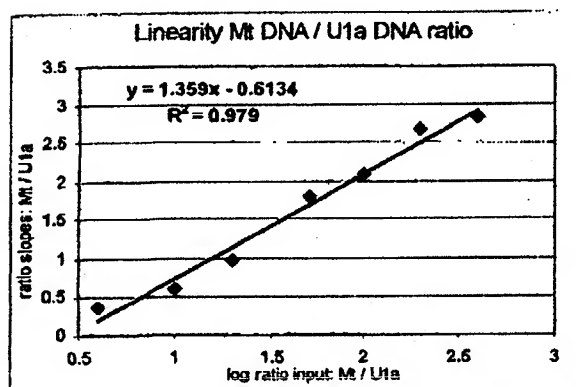
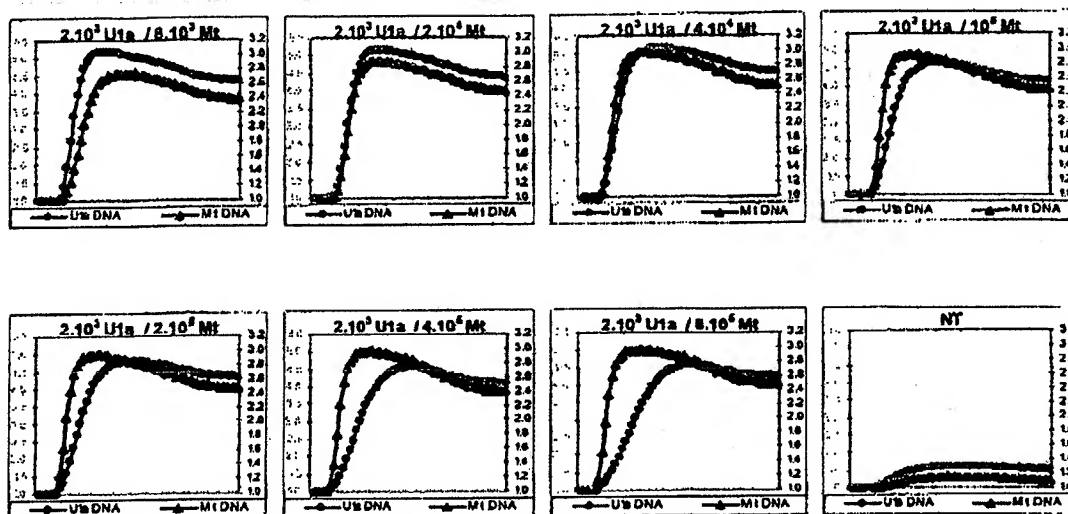
Figure 15 B

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

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Serial No.: Not Yet  
Docket No.: 5189

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Figure 16



10006000-00090001

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5189US

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Figure 17

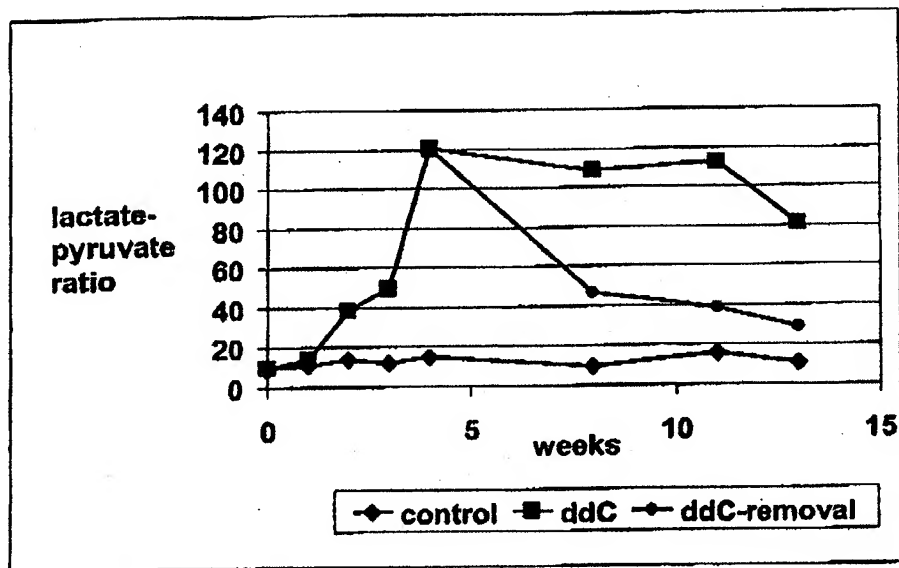
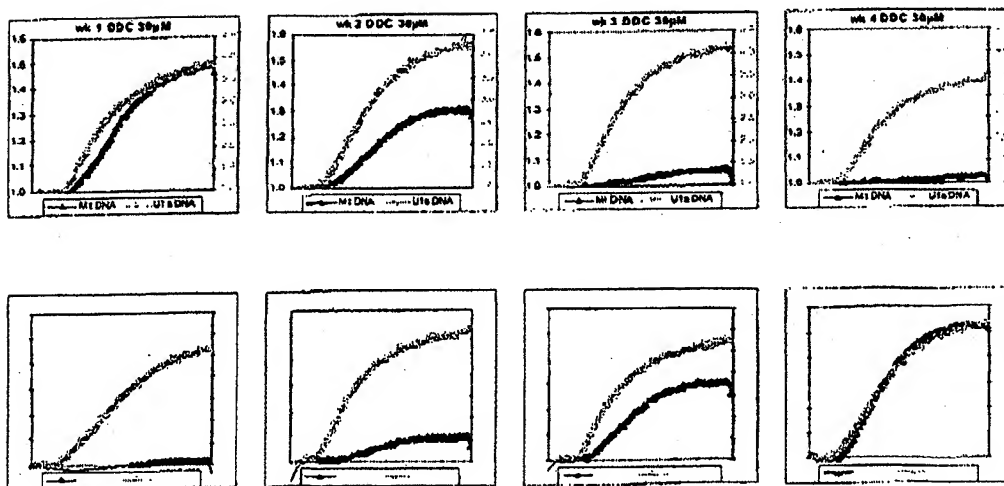


Figure 18



TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemmen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 518725

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Figure 19

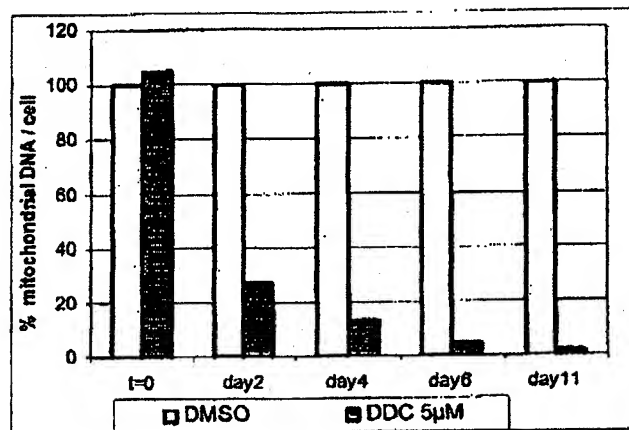


FIGURE 19

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemmen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5187 US

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Product 60030001

# Significant decrease of mtDNA in PBMC

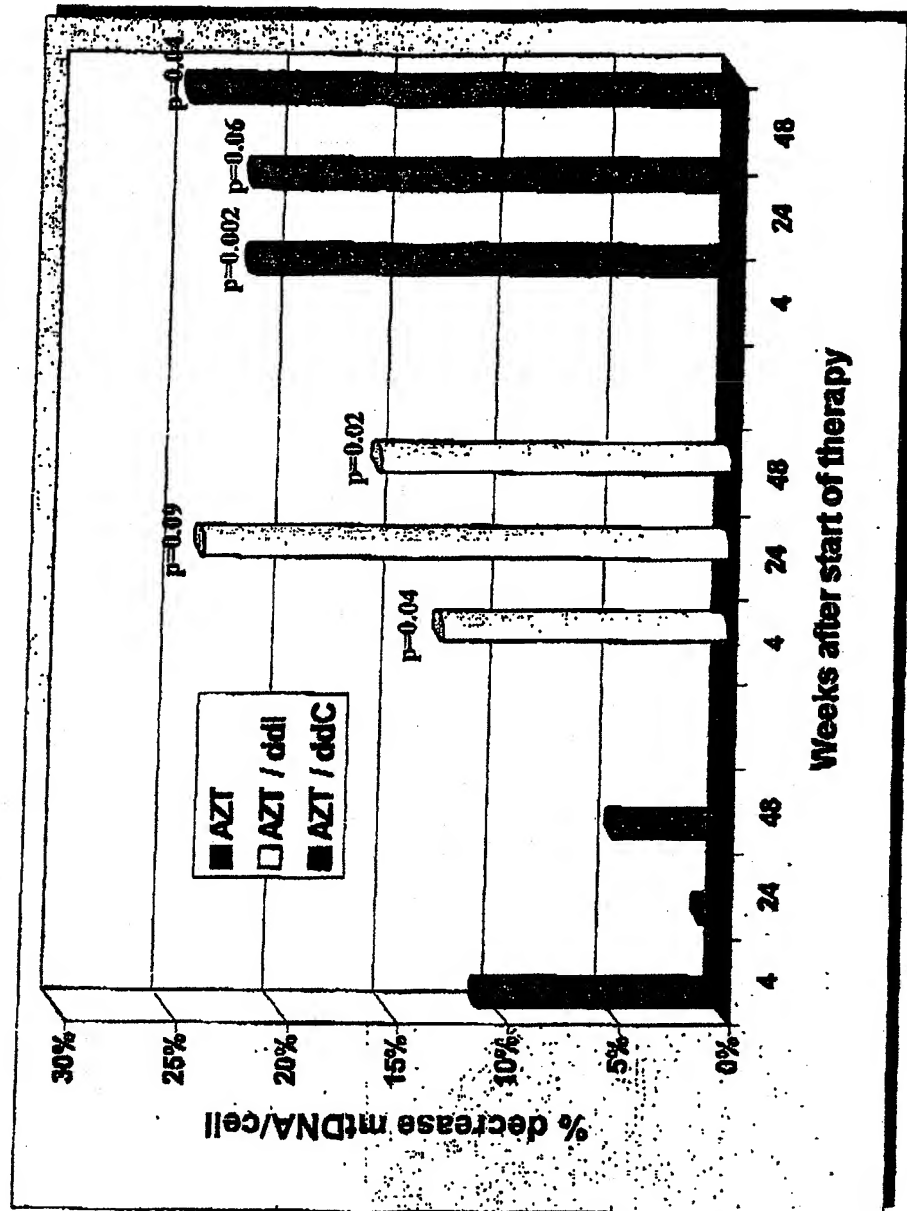


Figure 20



TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemmeren et al.  
Serial No.: Not Yet Assigned  
Docket No.: 518,005

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Copies mtDNA/cell for three individual patients

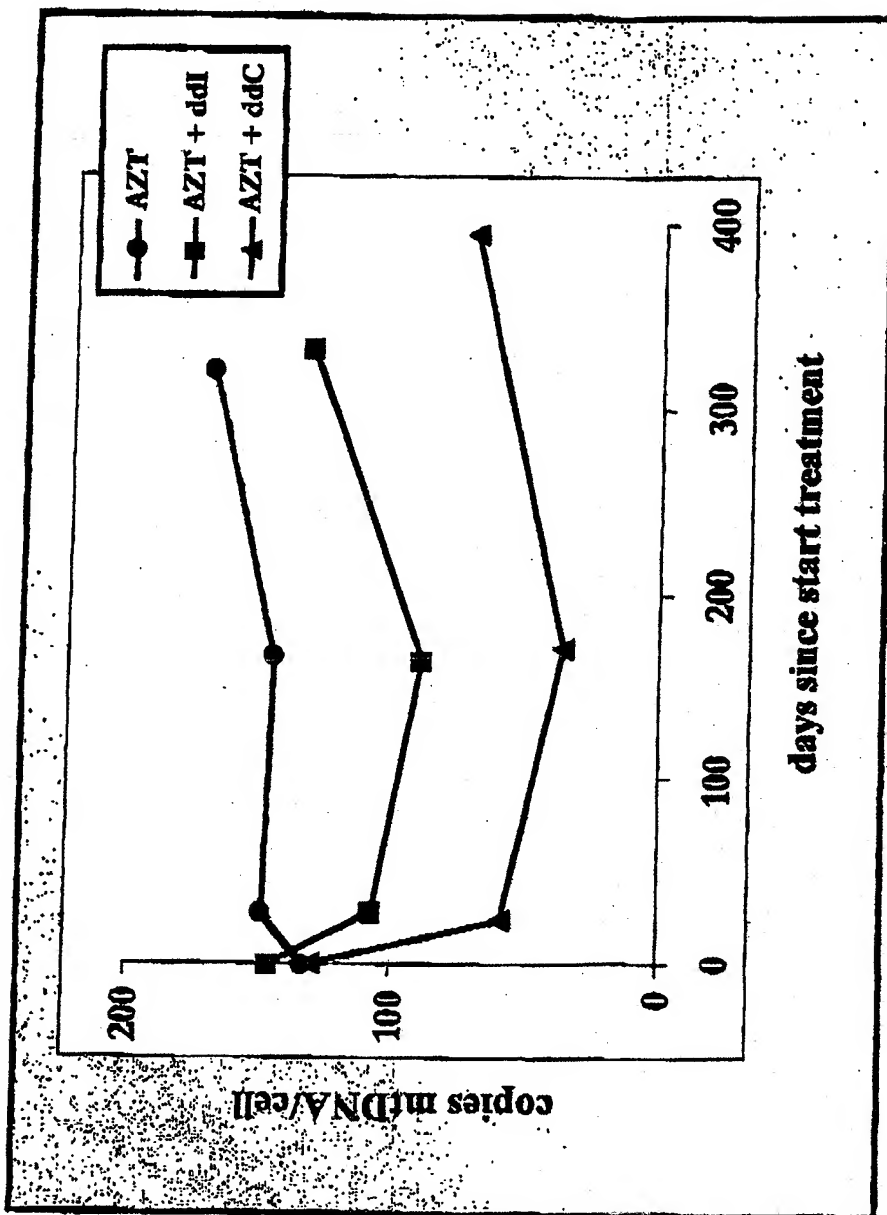


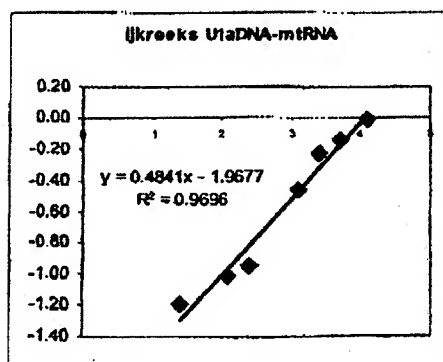
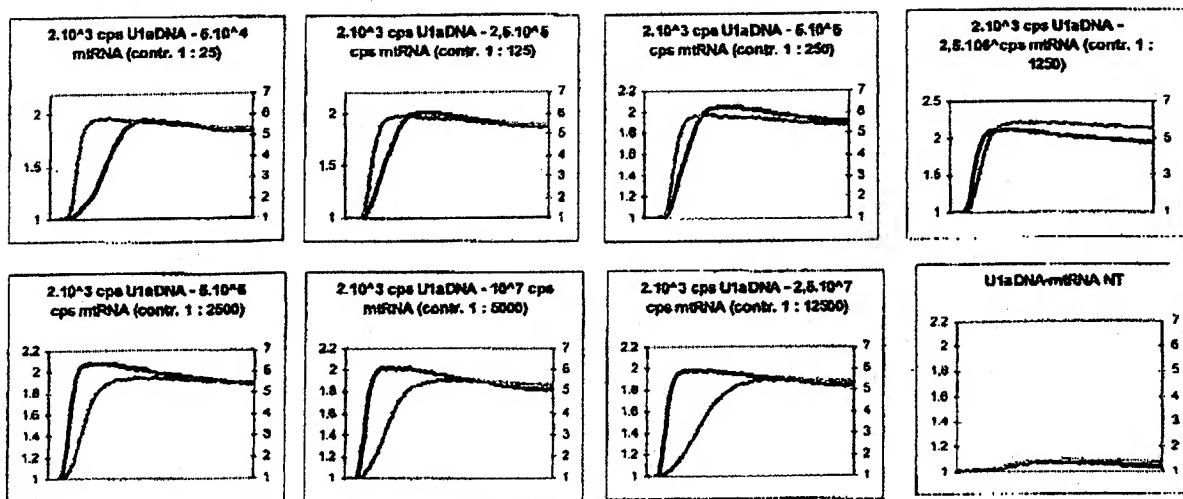
FIG. 21

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gen et al.  
Serial No.: Not Yet Assigned  
Docket No.: 5189US

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Figure 22



Inventor: van Gemen  
Serial No.: Not Yet  
Docket No.: 5189

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mt RNA - n DNA duplex

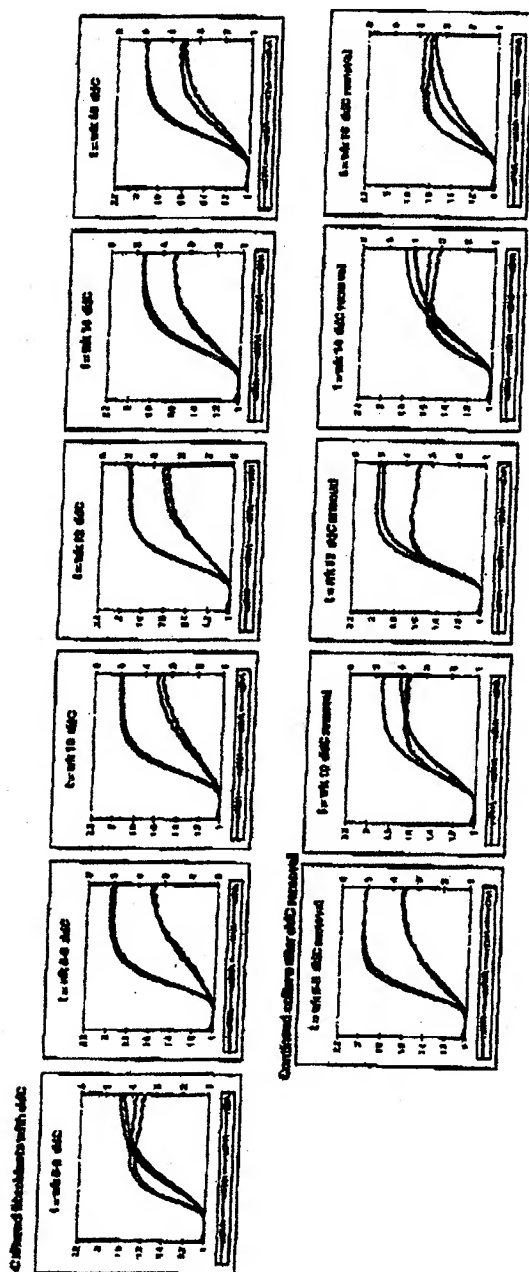
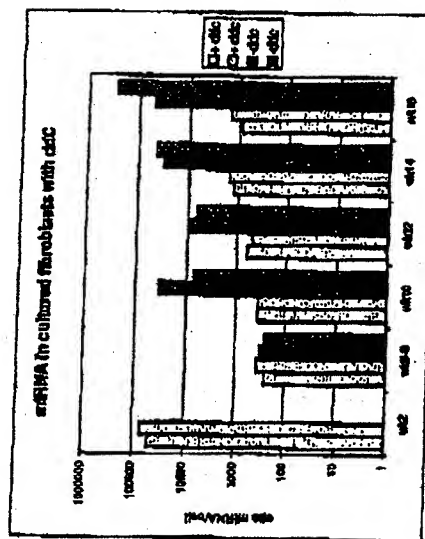


Figure 23



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FIGURE 24

# Adverse effects of antiretroviral therapy

## Percentage of patients changing ART because of adverse effects (results from the ATHENA-study in the Netherlands)

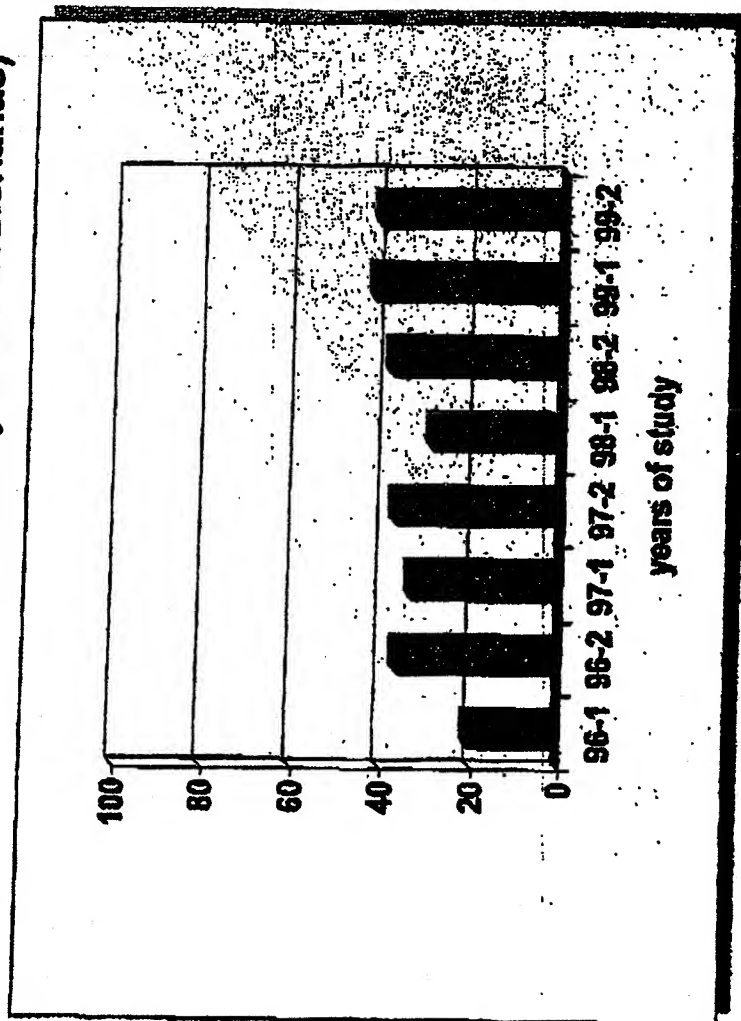


Figure 24

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# DNA-NASBA amplification

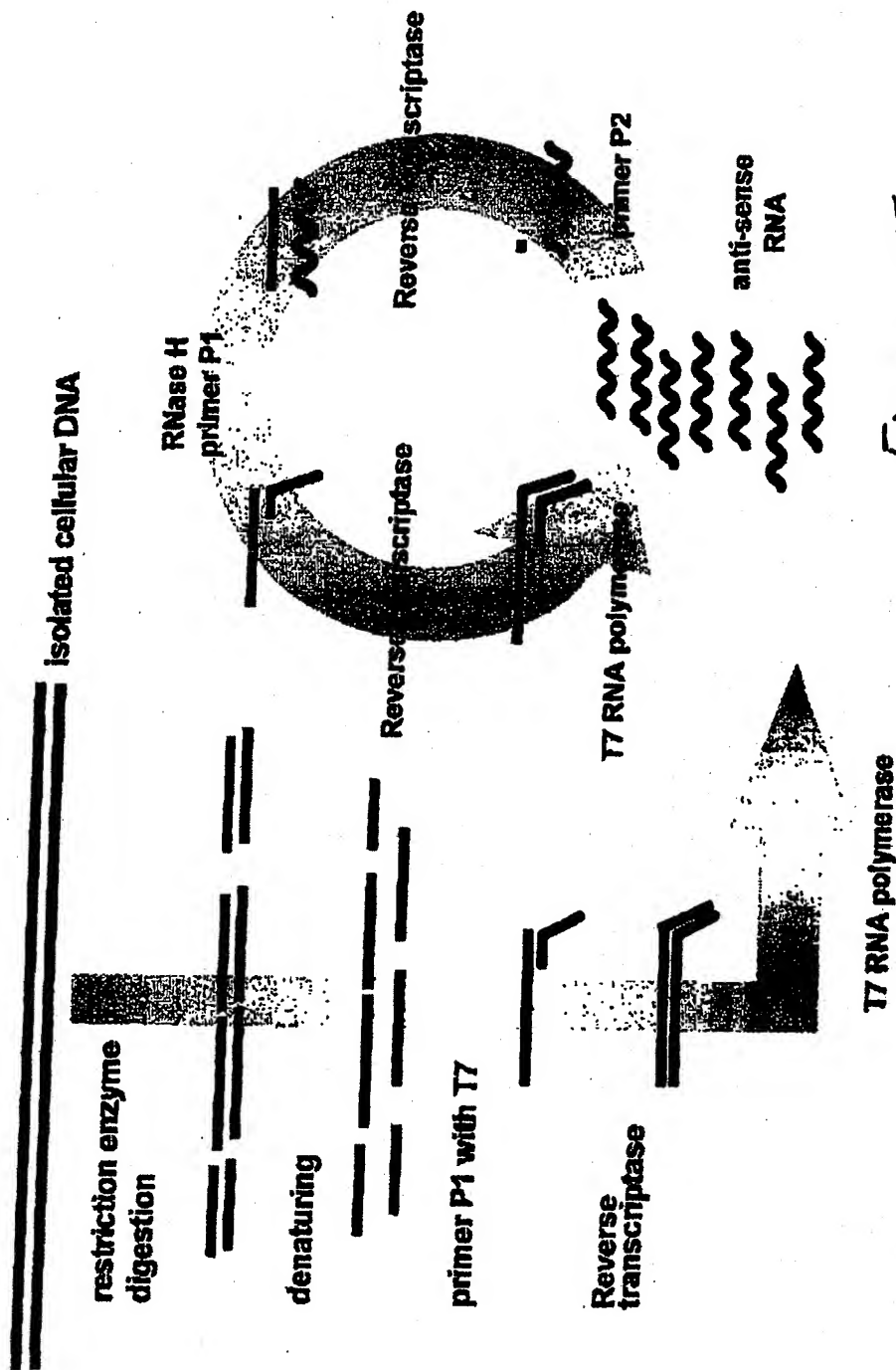


Figure 25

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES  
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van G. et al.  
Serial No.: Not assigned  
Docket No.: 5189US

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# Mitochondria

## location of primers for NASBA

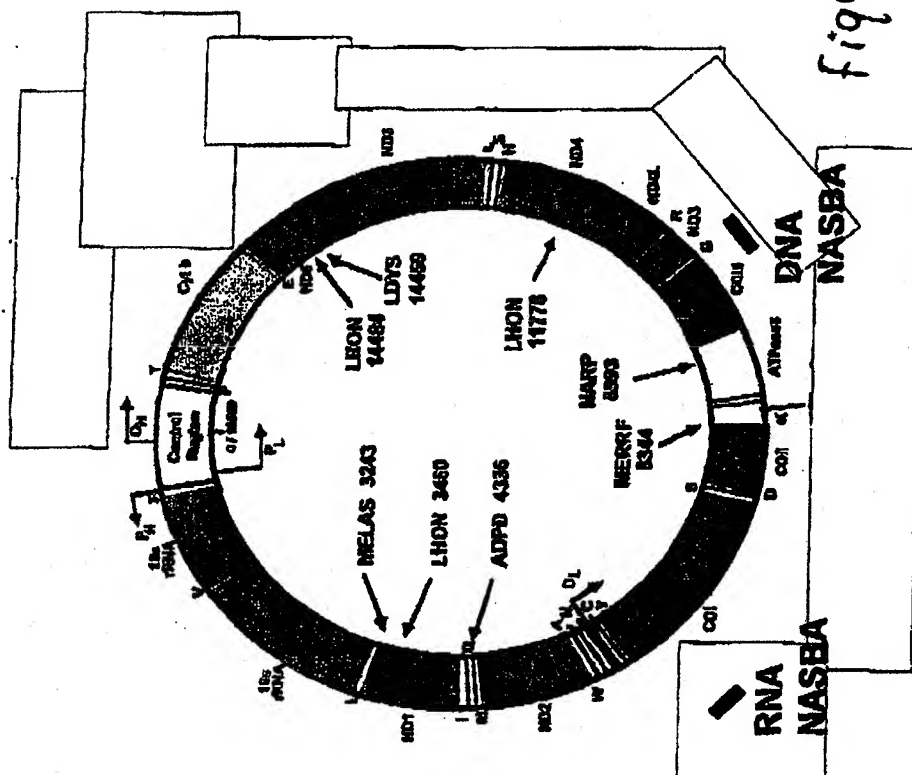


figure 26